	Application No.	Applicant(s)
Notice of Allowability	09/927,103	PRIESTLEY, MICHAEL
	Examiner	Art Unit
	Neveen Abel-Jalil	2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *6/30/2006*.

2. ☒ The allowed claim(s) is/are *1, 3-10, 12-15, and 17-21*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None of the:

       1. ☒ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
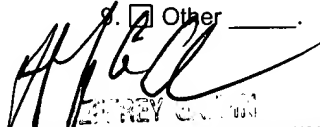
    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
       Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413),
    Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☒ Other _____ .

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Neveen Abel-Jalil
AU 2165

DETAILED ACTION

Remarks

1.   The Amendment filed on 30-June-2006 has been received and entered. Claims 2, 11, and 16 have been cancelled. Therefore, claims 1, 3-10, 12-15, and 17-21 are now pending.

2.   Applicant's argument has overcome the 35 USC 101 rejections.

EXAMINER'S AMENDMENT

3.   An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

        Authorization for this examiner's amendment was given in a telephone interview with Mr. David J. McKenzie (Attorney of Record) on July 18, 2006.

Amendments to the Claims:

4.   This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

5.   The application has been amended as follows:

1.   (Currently amended) A link management system for creating links amongst units

of information based on a list of identifiers arranged in an hierarchical order wherein each

identifier identifies an associated unit of information, said system comprising:

> means for storing said list of identifiers, wherein said list of identifiers has a user
>
>> determined relative hierarchical order to direct said link management system in
>>
>> the creation of said links;
>
> means for examining said list of identifiers to determine the hierarchical order of said
>
>> identifiers within said list of identifiers;
>
> means for linking a unit of information to at least one other unit of information based on
>
>> the relative hierarchical order of identifiers including:
>>
>>> an identifier identifying said unit of information; and
>>>
>>> another identifier identifying said at least one other unit of
>>>
>>> information,
>
> wherein
>
> said units of information are units of target information;
>
> each said identifier of said list of identifiers is ~~adapted~~ <u>configured</u> to identify source
>
>> information content of a unit of source information;
>
> the system further comprises:

means for generating said units of target information;

means for examining said list of identifiers to identify said source

information content assigned to a unit of target information;

and

means for inserting said source information content into a unit of

target information based on the identifier of said unit of

target information identifying said source information

content.

2.   (Cancelled)

3.   (Previously Presented) The link management system of claim 1 wherein a

plurality of source information content is assigned to a unit of target information.

4.   (Currently amended) The link management system of claim 1 wherein:

said units of information are units of target information;

each said identifier of said list of identifiers is ~~adapted~~ configured to identify source

information content of a unit of source information assigned to a unit of target

information;

said list of identifiers further comprises:

a first subset of identifiers for identifying said units of target

information to be generated by said system, said first subset

hierarchically ordered to indicate preferred linking of said

units of target information;

a second subset of identifiers for identifying said source

information content to be inserted into said units of target

information identified by said first subset of identifiers;

said means for linking is ~~adapted~~ <u>configured</u> to link a unit of target information to at least

one other unit of target information based on the relative hierarchical order of

identifiers including:

an identifier of said first subset for identifying said unit of target

information;

at least one other identifier of said first subset for identifying said

at least one other unit of target information; and

said system further comprises:

means for generating said units of target information; and

means for inserting at least one source information content into a

unit of target information based on an identifier of said

second subset identifying said at least one source

information content.

5.   (Original) The link management system of claim 4 wherein said list of identifiers

further includes a third subset of identifiers for identifying links for inter-linking units of target

information.

6.   (Currently amended) The link management system of claim 5 wherein the means

for linking is ~~adapted~~ configured to ~~inserting~~ URL links.

7.   (Original) The link management system of claims 3 or 5 wherein said identifiers

of said list are data tags of a markup language.

8.   (Currently amended) A method performed on a computer system operationally

coupled to computer readable memory for storing a list of identifiers, and said method for

creating and managing links amongst units of information based on said list of identifiers

arranged in an hierarchical order wherein each identifier identifies an associated unit of

information, said method comprising the steps of:

storing said list of identifiers, wherein said list of identifiers has a user determined

relative hierarchical order to direct a link management system in the creation of

said links;

examining said list of identifiers to determine the hierarchical order of said identifiers

within said list of identifiers;

linking a unit of information to at least one other unit of information based on the relative

hierarchical order of identifiers including:

an identifier identifying said unit of information; and

another identifier identifying said at least one other unit of

information,

wherein:

said units of information are units of target information;

each said identifier of said list of identifiers is ~~adapted~~ <u>configured</u> to identify source

information content of a unit of source information assigned to a unit of target

information;

said list of identifiers further comprises:

a first subset of identifiers for identifying said units of target

information to be generated by said system, said first subset

hierarchically ordered to indicate preferred linking of said

units of target information;

a second subset of identifiers for identifying said source

information content to be inserted into said units of target

information being identified by said first subset of

identifiers;

said step of linking is ~~adapted~~ configured to link a unit of target information to at least

one other unit of target information based on the relative hierarchical order of

identifiers including:

an identifier of said first subset for identifying said unit of target

information;

at least one other identifier of said first subset for identifying said

at least one other unit of target information; and

said method further comprising the steps of:

generating said units of target information; and

inserting at least one source information content into a unit of

target information based on an identifier of said second

subset identifying said at least one source information

content.

9.   (Currently amended) The method of claim 8 wherein:

said units of information are units of target information;

each said identifier of said list of identifiers is ~~adapted~~ configured to identify source

information content of a unit of source information;

the method further comprising the steps of:

generating said units of target information;

examining said list of identifiers to identify said source

information content assigned to a unit of target information;

and

inserting said source information content into a unit of target

information based on the identifier of said unit of target

information identifying said source information content.

10.   (Original) The method of claim 9 wherein a plurality of source information content is assigned to a unit of target information.

11.   (Cancelled)

12.   (Previously Presented) The method of claim 8 wherein said list of identifiers further includes a third subset of identifiers for identifying links for inter-linking units of target information.

13.   (Currently amended) The method of claim 12 wherein the step of linking is adapted configured to inserting URL links.

14.   (Original) The method of claims 10 or 12 wherein said identifiers of said list are data tags of a markup language.

15.   (Currently amended) A computer program product ~~for use~~ in a computer system

operatively coupled to a computer readable memory, the computer program product including a

computer-readable data storage medium tangibly embodying computer readable program code

<u>executable on a computer to</u> ~~for~~ direct~~ing~~ said computer to create and manage links amongst

units of information based on a list of identifiers arranged in an hierarchical order wherein each

identifier identifies an associated unit of information, said computer program product

comprising:

    code ~~for~~ <u>to</u> instruct~~ing~~ said computer system to store said list of identifiers, wherein said

        list of identifiers has a user determined relative hierarchical order to direct a link

        management system in the creation of said links;

    code ~~for~~ <u>to</u> instruct~~ing~~ said computer system to examine said list of identifiers to

        determine the hierarchical order of said identifiers within said list of identifiers;

    code ~~for~~ <u>to</u> instruct~~ing~~ said computer system to link a unit of information to at least one

        other unit of information based on the relative hierarchical order of identifiers

        including:

an identifier identifying said unit of information; and

another identifier identifying said at least one other unit of information,

wherein:

said units of information are units of target information;

each said identifier of said list of identifiers is ~~adapted~~ <u>configured</u> to identify source

        information content of a unit of source information;

said computer program product further comprises:

code ~~for~~ to instruct~~ing~~ said computer system to generate said units of target information;

code ~~for~~ to instruct~~ing~~ said computer system to examine said list of identifiers to identify

said source information content assigned to a unit of target information; and

code ~~for~~ to instruct~~ing~~ said computer system to insert said source information content into

a unit of target information based on the identifier of said unit of target

information identifying said source information content.

16. (Cancelled)

17. (Previously Presented) The computer program product of claim 15 wherein a

plurality of source information content is assigned to at least one unit of target information.

18. (Currently amended) The computer program product of claim 15 wherein:

said units of information are units of target information;

each said identifier of said list of identifiers is ~~adapted~~ configured to identify source

information content of a unit of source information assigned to a unit of target

information;

said list of identifiers further comprises:

a first subset of identifiers for identifying said units of target

information to be generated by said system, said first subset

hierarchically ordered to indicate preferred linking of said

units of target information;

a second subset of identifiers for identifying said source

information content to be inserted into said units of target

information being identified by said first subset of

identifiers;

said code ~~for~~ to instruct~~ing~~ said computer system to link is ~~adapted~~ configured to link a

unit of target information to at least one other unit of target information based on

the relative hierarchical order of identifiers including:

an identifier of said first subset for identifying said unit of target

information;

at least one other identifier of said first subset for identifying said

at least one other unit of target information; and

said computer program product further comprises:

code ~~for~~ to instructing said computer system to generate said units

of target information; and

code ~~for~~ to instructing said computer system to insert at least one

source information content into a unit of target information

based on an identifier of said second subset identifying said

at least one source information content.

19.   (Original) The computer program product of claim 18 wherein said list of

identifiers further includes a third subset of identifiers for identifying links for inter-linking units

of target information.

20.   (Currently amended) The computer program product of claim 19 wherein said

code ~~for~~ to instructing said computer system to link is ~~adapted~~ configured to ~~inserting~~ URL links.

21.   (Original) The computer program product of claims 17 or 19 wherein said

identifiers of said list are data tags of a markup language.

Allowance

5.   Claims 1, 3-10, 12-15, and 17-21 are allowed over the prior art made of record.

6.   Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Conclusion

7.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Neveen Abel-Jalil whose telephone number is 571-272-4074.

The examiner can normally be reached on 8:30AM-5:30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Jeffrey A. Gaffin can be reached on 571-272-4146. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Neveen Abel-Jalil